

Title (en)
GNSS SURVEYING RECEIVER WITH MULTIPLE RTK ENGINES

Title (de)
GNSS-ÜBERWACHUNGS-EMPFÄNGER MIT MEHREREN RTK-ENGINES

Title (fr)
RÉCEPTEUR DE SURVEILLANCE GNSS À MULTIPLES MOTEURS RTK

Publication
EP 2694997 A2 20140212 (EN)

Application
EP 12805269 A 20120404

Priority

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Abstract (en)
[origin: US2012256788A1] The position of a global navigation satellite system (GNSS) surveying receiver is determined based on a plurality of RTK engines. A first RTK engine is implementing using a first set of parameters. A second RTK engine is implemented using a second set of parameter different than the first set. A plurality of GNSS signals are received from multiple satellites. At least one correction signal is received from at least one base receiver. A first position is determined from the first RTK engine based on the GNSS signals and the at least one correction signal. A second position is determined from the first RTK engine based on the GNSS signals and the at least one correction signal. A final position of the GNSS surveying receiver is determined based on the first position or the second position or a combination of both positions.

IPC 8 full level
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US 2012256788 A1 20121011; US 8872700 B2 20141028; CN 103649776 A 20140319; CN 103649776 B 20151125; EP 2694997 A2 20140212; EP 2694997 A4 20140820; EP 2694997 B1 20170111; JP 2014516408 A 20140710; JP 6086901 B2 20170301; WO 2013002861 A2 20130103; WO 2013002861 A3 20130404

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